

(C) WPI / DERWENT

XP-002353854

AN - 1991-320726 [44]

AP - JP19900002771 19900110

CPY - AJIN

DC - D16 F06

FS - CPI

IC - C12P21/00 ; D06M16/00 ; D06M101/10

MC - D05-A02 D07-B F01-D10 F03-C F03-C02A F03-C04

PA - (AJIN ) AJINOMOTO KK

PN - JP3213574 A 19910918 DW199144 000pp

PR - JP19900002771 19900110

XA - C1991-138589

XIC - C12P-021/00 ; D06M-016/00 ; D06M-101/10

AB - J03213574 Process comprises crosslinking the cuticle part by treating the animal hair fibre with an enzyme.

- Animal hair fibre is pref. natural keratin fibre obtd. from e.g. a sheep, cashmere, mohair, angora rabbit, camel, alpaca etc. Fibre form is pref. sliver, yarn, knit fabric, nonwoven fabric of the animal hair alone or contg. at least 15% of the animal hair. Enzyme used reacts and crosslink the amino acid functional gp. or amino acid deriv., of the cuticle part of the animal hair by specific selectivity. Enzyme pref. includes transglutaminase, lysiloxidase etc.

- USE/ADVANTAGE - Modification of the animal hair fibre is useful for mfg. of modified hair fibre having good shrinkage resistance, pill resistance and hydrophobic property without loss of animal hair fibre texture. (4pp Dwg.No.0/0)

IW - MODIFIED ANIMAL HAIR FIBRE ENZYME CROSSLINK CUTICLE PART ANIMAL HAIR FIBRE

IKW - MODIFIED ANIMAL HAIR FIBRE ENZYME CROSSLINK CUTICLE PART ANIMAL HAIR FIBRE

NC - 001

OPD - 1990-01-10

ORD - 1991-09-18

PAW - (AJIN ) AJINOMOTO KK

TI - Modification of animal hair fibre - by using enzyme to crosslink cuticle part of animal hair fibre